

SUPPORT FOR THE AMENDMENTS

Dependent claims 148 and 149 define the active biomolecules as DNA, RNA or single-stranded polynucleotides, and have been incorporated into independent claims 152 and 164, respectively. The new dependant claims correspond to claims 145, 146, 147, 150, 151, 143, 134, 135, 136, 128 and 130, respectively. No new matter has been added.



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REMARKS

Upon entry of this paper claims 152 -175 will be pending. This Supplemental Amendment replaces the Amendment filed August 17, 2005, in order to reinsert into each of the independent claims the limitation "to form an array of biolayers where each biolayer has a defined perimeter separate from each other biolayer in the array." This limitation had been recited in the Amendment filed March 3, 2005, and was erroneously dropped from the August 17th amendment.

The present invention relates to an array of biolayers made by microdispensing a controlled volume of liquid onto a surface.

Claims 144 – 147 and 150 – 151 are rejected under 35 USC 102 (b) over Lowe *et al.* US 4,562,157) or Chang.

The examiner has maintained the anticipation rejection over Lowe *et al.* and added a new one over Chang, arguing that the claims did not recite any physical structure that would distinguish them from structures which are readily available using photolithography (Lowe *et al.*) or micropipeting (Chang).

However claims 148 – 149 were indicated to be allowable (Office Action page 4, item 4) because they define the active biomolecules as DNA, RNA or single-stranded polynucleotides. Accordingly, these limitations have been incorporated into the independent claims.

Applicants submit that the case is now in condition for allowance. Early notification of such action is earnestly solicited.

Please charge any shortage in fees due in connection with the filing, or credit any overpayment to Deposit Account No. 50-1710.

Respectfully submitted,

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